

Sewer & Water Department

Robert Tozeski, Superintendent

Sewer Commissioners:

Joseph Zecco, Chairman

Paul Swydan, Secretary

Paul Burnett

The 98th year of Municipal Water Operation

General

The Shrewsbury Sewer & Water department consists of a Superintendent, one foreman, one treatment plant operator, ten maintenance craftsmen, two full time secretaries, one part time secretary and one meter reader.

Water Department

A pattern of regular precipitation throughout the year helped maintain adequate groundwater levels for our municipal wells. Favorable weather conditions along with water restrictions, which were implemented on May 18th, helped the Town stay in compliance with its state water withdrawal permit. The annual daily gallonage pumped was the lowest since 1994. In fact, since 1990, they were only two years when the gallonage pumped was less than 2003. Another favorable trend the Town experienced was the lowering of our per capita usage from 91 to 81 gallons per day. The state overall goal is 65 gallons/day per capita, so conservation efforts still need to be ongoing. Even though the year 2003 was a good year for water supply, these numbers can quickly turn around with drought or other unfavorable conditions.

We ask all our customers to continue their water conservation efforts year round in both their indoor and outdoor water usage habits.

A satellite well at the Home Farm 6-1 site was drilled and piping installed to connect into the original well discharge. At years end, telemetry and electrical work needed to be completed before full operation could start. Plans were being worked on to go out to bid at the beginning of 2004 for the Oak Street Booster Station and the associated Boston Turnpike water main work.

In closing, this report would not be complete without a sincere thanks to all of our field personnel and office staff who worked diligently throughout the year serving our valuable customers.

Water Department Statistical Report

	2002	2003
Gallons Pumped	1,401,808,000	1,279,559,000
Gallons Boosted	868,324,000	780,354,000
% boosted into high system	61.94%	60.99%
New services installed	159	140
Hydrants added to system	24	15
Total number of hydrants	1,427	1,442
Total services in use	10,428	10,568
Summer services	44	44
Water Main installed by	-0-	2,345 '
Contractors for the Town	975' (Replacement)	
Water Main installed in		
subdivisions	9,525'	5,354 '
Maximum usage day	5,783,000	5,887,000
Average usage day	3,864,329	3,505,641

There were 1.46 miles of water main added this year making a total of 192.89 miles of water main.

Sewer Department Report

The Board of Sewer Commissioners meets the second Tuesday of each month @ 7:00 p.m. in the upstairs conference room in the Richard D. Carney Municipal Office Building. The Board acts upon abatements, petitions for sewerage and financing of proposed construction.

The second phase of the radio alarm system upgrade for the sewer pump stations was completed. This will increase our monitoring capability and allow additional stations to be added. An agreement was tentatively reached with the Summit Ridge subdivision for major upgrades at our Hill Street pumping station. A larger capacity wet well and standby generator would be added to the station. In addition, forty-seven (47) homes presently entering the station would be rerouted onto Prospect Street to the Reservoir Street Station. This is part of an effort to reduce infiltration and inflow into the Hill Street station by eliminating the twenty five hundred (2500) feet of cross country sewer through the Suasco Watershed which is susceptible to high water table problems.

Various maintenance and operation projects were also worked on throughout the year to improve our pumping stations and collection system.

Lastly, a work of thanks is in order for all our sewer personnel who did a fine job throughout the year in maintaining service to all our customers while working under adverse conditions.

Sewer Department Statistical Report

	<u>2002</u>	<u>2003</u>
New Sewer Connections	228	240
Total Sewer Connections	8,456	8,696
Gallons Pumped @ Rolfe Ave	375,121,000	433,832,000
Gallons Entering Wastewater Plant		
From Shrewsbury	1,138,355,000	1,321,614,000
From Westboro	670,803,000	810,334,000
Total Combined Flow	1,809,158,000	2,131,948,000
New Sanitary Sewer Line	-0-	388 '
(Town)		(Replacement)
New Sanitary Sewer Lines	18,410' gravity	4,205 'gravity
(Developers)	3,865' force main	1,150' force main

There were 1.01 miles of sewer main added to the system for a total of 156.73 miles.